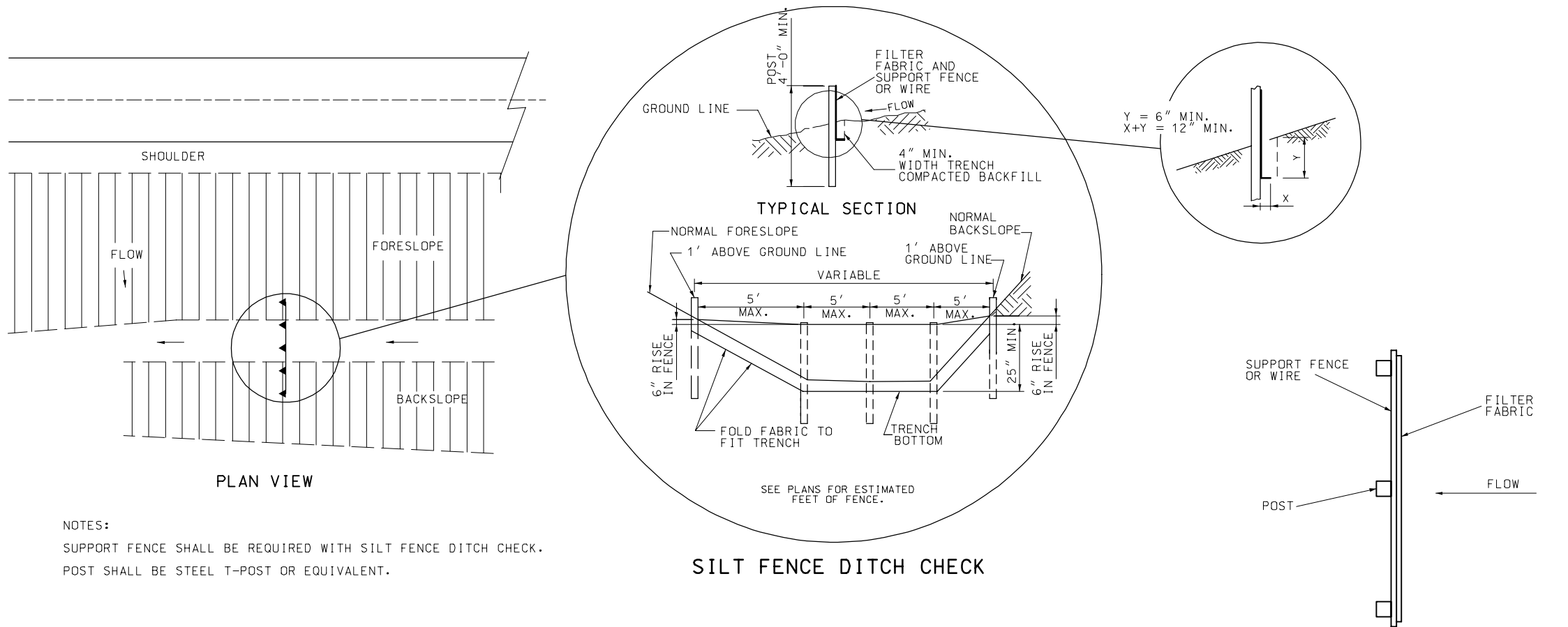


LEGEND
 C = CUT LIMITS
 F = FILL LIMITS
 ← = DIRECTION OF FLOW

GENERAL NOTES:
 EROSION CONTROL MEASURES ARE SHOWN HERE AS GENERAL EXAMPLES. ACTUAL CONDITIONS MAY DICTATE MORE OR FEWER MEASURES.
 TEMPORARY OR FINAL SEEDING IMMEDIATELY UPON COMPLETION OF GRADING.
 WOOD POSTS SHALL BE USED FOR ALL STRAW BALE APPLICATIONS.
 STRAW BALES USED AS SILT FENCE SHALL BE EMBEDDED 6 INCHES.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
TEMPORARY EROSION CONTROL MEASURES GENERIC TEMPORARY EROSION CONTROL PLAN			
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NOTES:

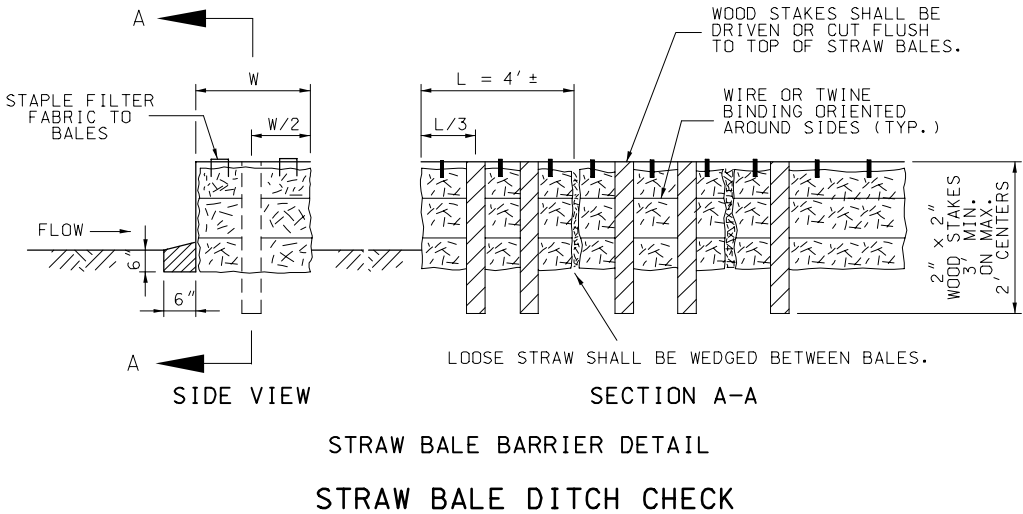
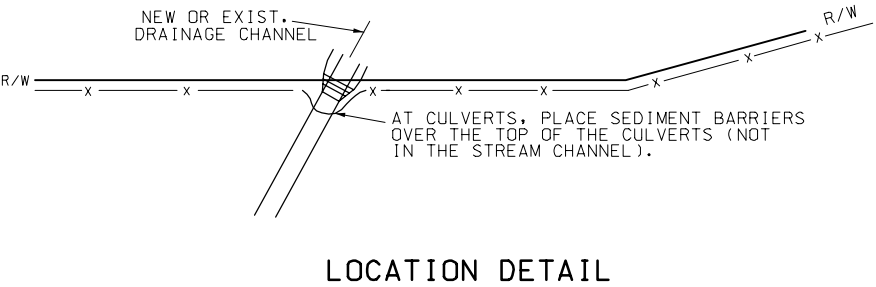
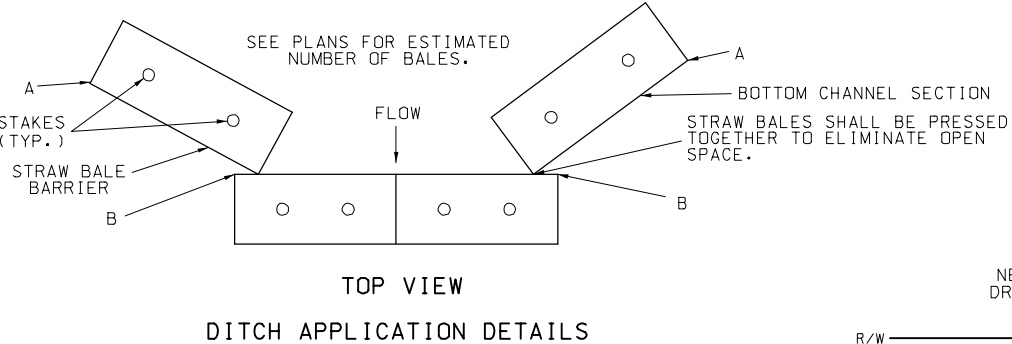
SUPPORT FENCE SHALL BE REQUIRED WITH SILT FENCE DITCH CHECK.

POST SHALL BE STEEL T-POST OR EQUIVALENT.

NOTE:

CORNERS 'A' SHALL BE HIGHER THAN CORNERS 'B' TO INSURE FLOW THROUGH OR OVER BARRIER, NOT AROUND IT.

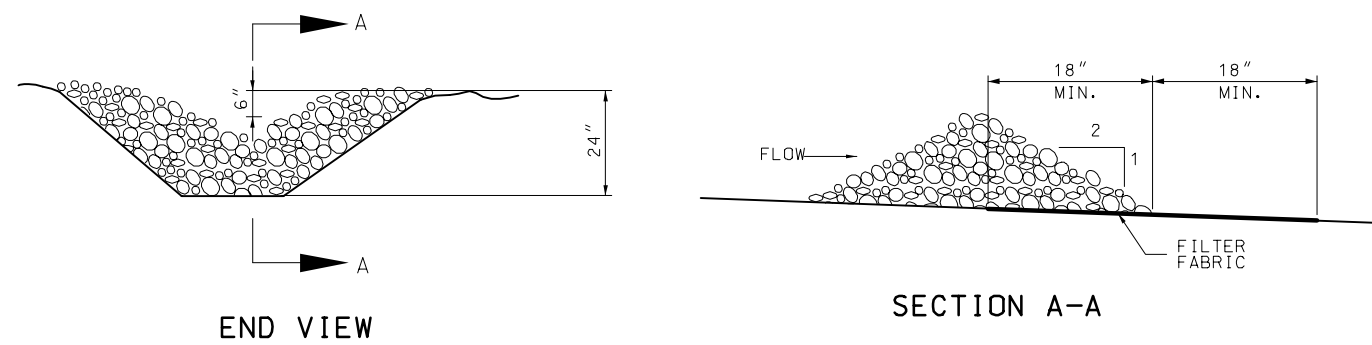
FILTER FABRIC MAY BE ELIMINATED FOR GRADES 2% OR LESS ON STRAW BALES IF APPROVED BY ENGINEER.



GENERAL NOTE:

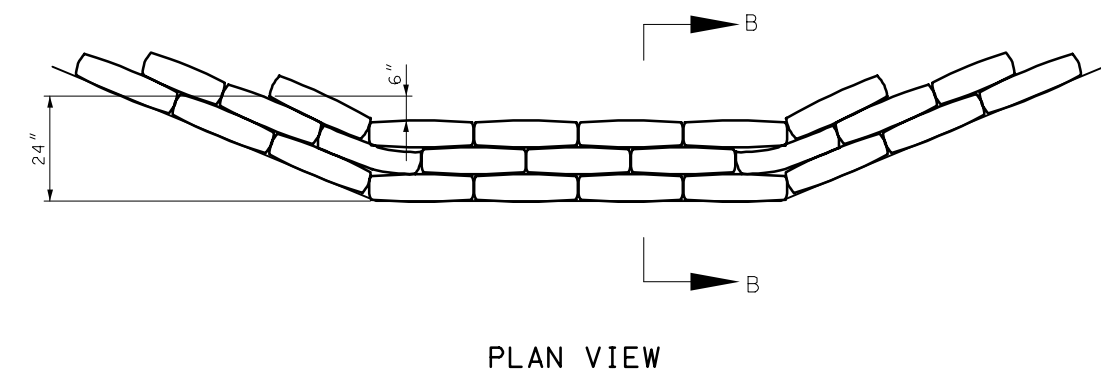
SEE SHEET 3 FOR MINIMUM SPACING OF ALL DITCH CHECK TYPES.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
TEMPORARY EROSION CONTROL MEASURES TEMPORARY DITCH CHECKS TYPE I			
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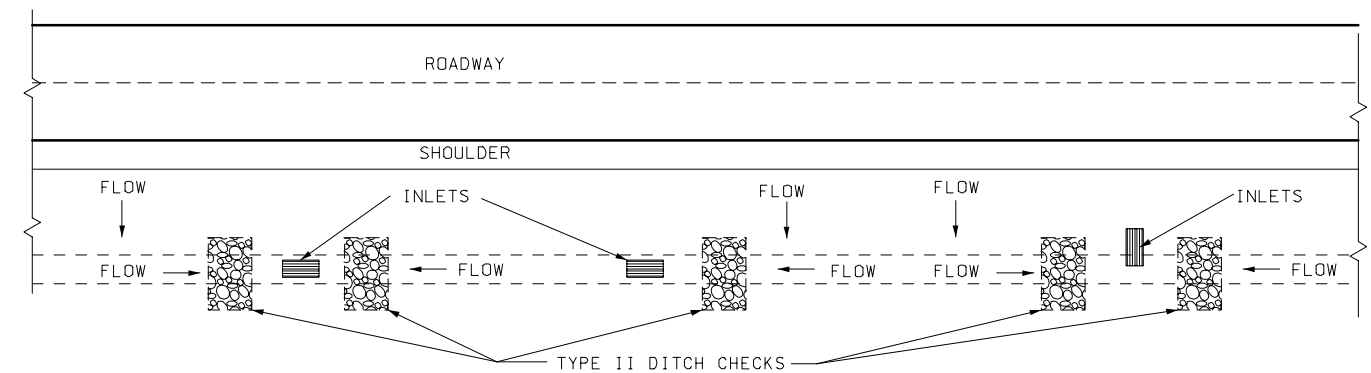
ROCK DITCH CHECK

NOTE:
THE DITCH CHECK SHALL BE REMOVED WHEN THE GRASS HAS
MATURED SUFFICIENTLY TO PROTECT THE DITCH OR SWALE OR
THE CONCRETE DITCH LINER HAS BEEN CONSTRUCTED.



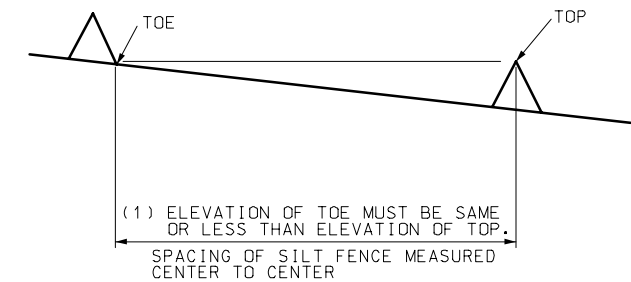
SAND BAG DITCH CHECK

NOTE:
NUMBER OF SAND BAGS AND ARRANGEMENT MAY VARY
WITH ON-SITE CONDITIONS.



DROP INLET CHECK

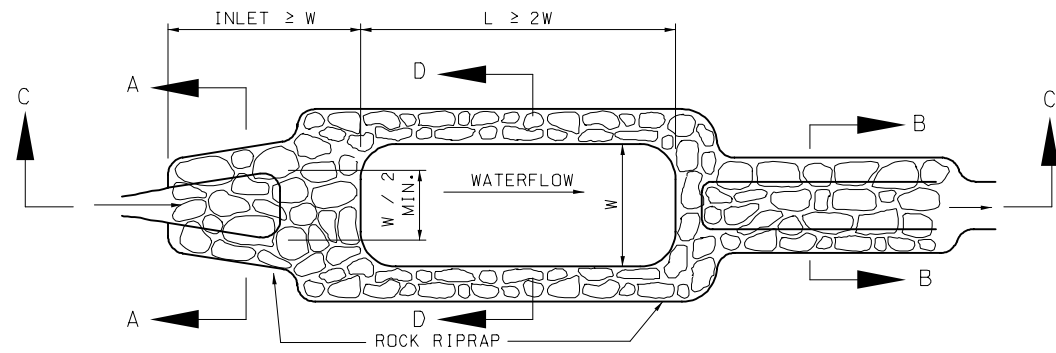
THE DROP INLET CHECK SHALL PROVIDE A MINIMUM
OF 12 INCHES AND A MAXIMUM OF 18 INCHES ABOVE
THE INLET GRADE.



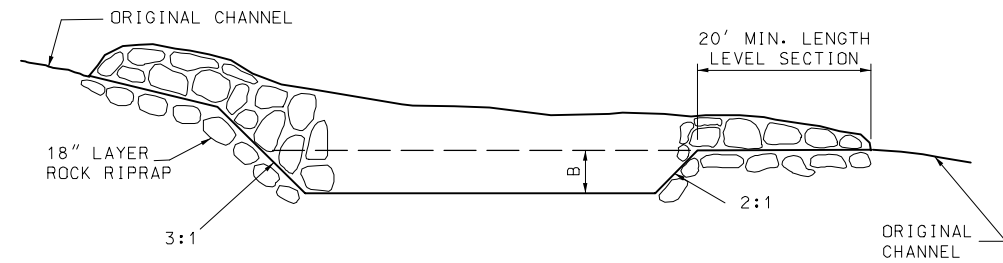
MINIMUM DITCH CHECK SPACING

EXAMPLE DITCH CHECK SPACING FOR STANDARD HEIGHTS (FT.) (1)		
DITCH & SLOPE %	SPACING FOR 24" HEIGHT	SPACING FOR 18" HEIGHT
0.5	400	300
1.0	200	150
1.5	133	100
2.0	100	75
2.5	80	60
3.0	66	50
3.5	57	43
4.0	50	38
4.5	44	33
5.0	40	30
5.5	38	27
6.0	35	25
6.5	30	23
7.0	28	21
7.5	26	20
8.0	25	19
8.5	23	18
9.0	22	17
9.5	21	16
10.0	20	15

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
	TEMPORARY EROSION CONTROL MEASURES TEMPORARY DITCH CHECKS TYPE II		
DATE: _____	EFFECTIVE: 07-01-2004	806.10E	3 7

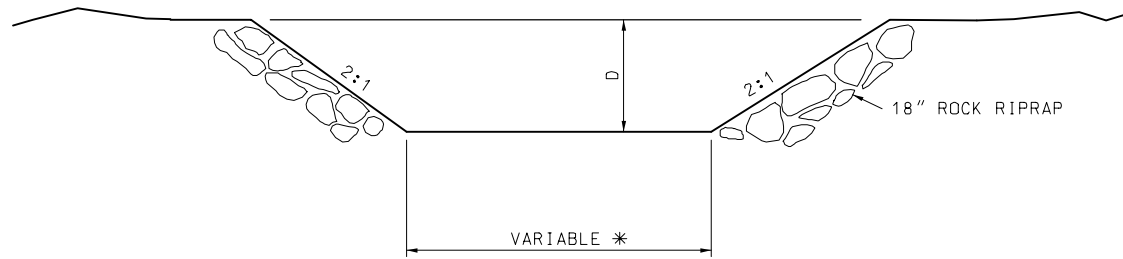


PLAN VIEW



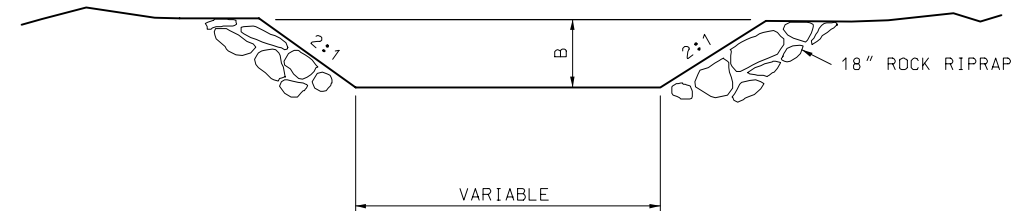
SECTION C-C

EFFECTIVE DEPTH "B" = MIN. 2', MAX. 6' DEPENDENT UPON CONFIGURATION REQUIRED BY LOCATION AND ESTIMATED VOLUME.

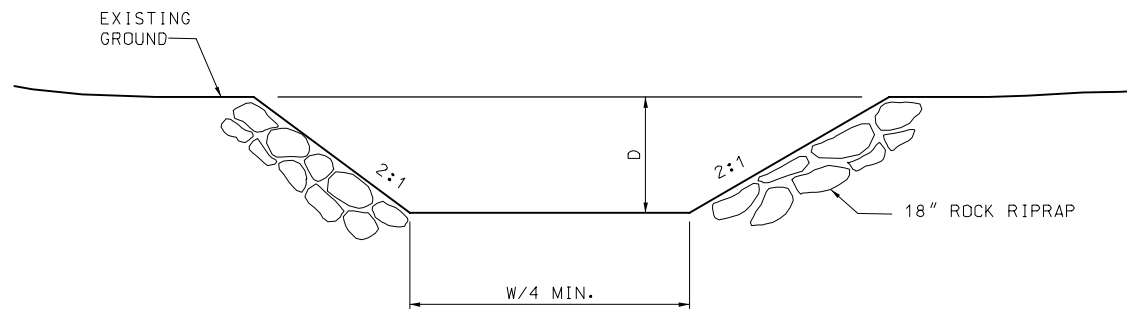


SECTION A-A
INLET

D = 1.0' + DESIGN FLOW DEPTH-MIN.
* VARIES FROM WIDTH OF STREAM AT INLET TO ONE-HALF WIDTH OF POND AT OUTLET.



SECTION D-D



SECTION B-B
OUTLET

GENERAL NOTES:

THE MATERIALS FOR ROCK RIPRAP SHALL MEET THE REQUIREMENTS OF SECTION 611.30 FOR TYPE 2 ROCK BLANKET.

SEE PLANS FOR LENGTH, DEPTH AND WIDTH OF BASIN.

SEE PLANS FOR ESTIMATED QUANTITIES OF ROCK RIPRAP - CUBIC YARDS.

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

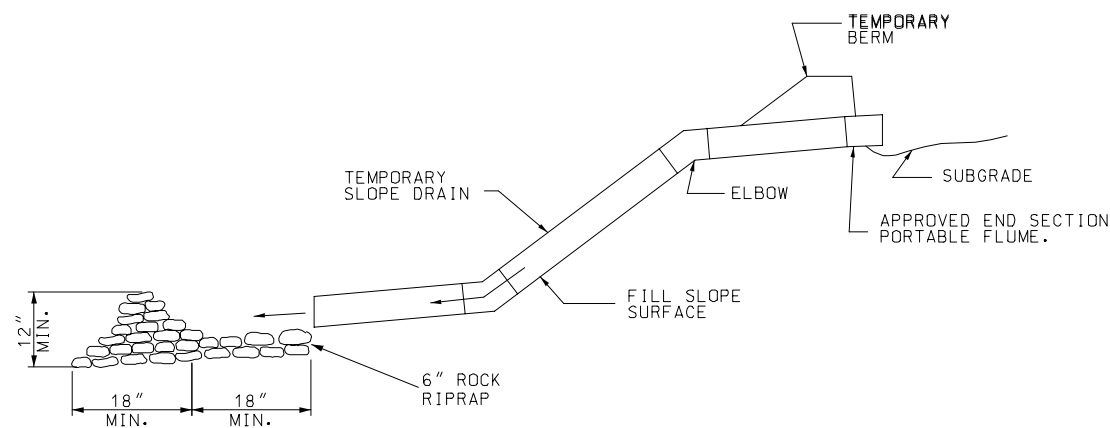
**TEMPORARY EROSION
CONTROL MEASURES
SEDIMENT BASIN**

DATE: _____

EFFECTIVE: 07-01-2004

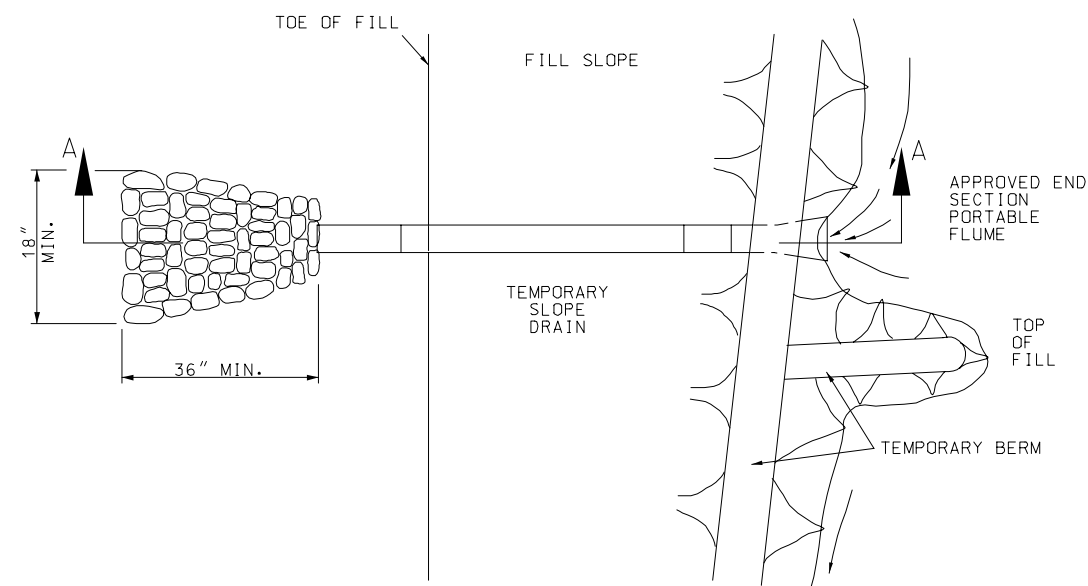
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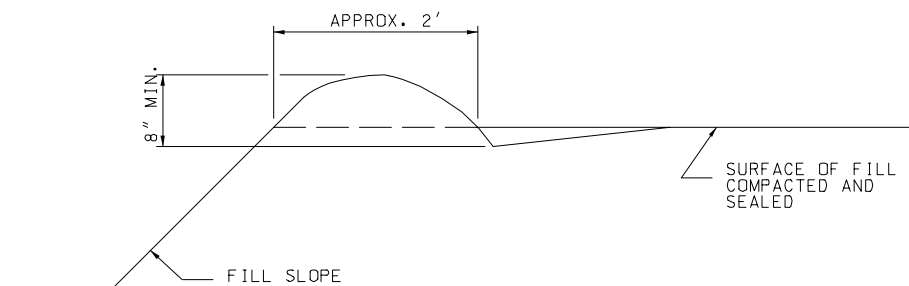
NOTE:
IN SOME CASES IT MAY BE NECESSARY TO EMBED METAL OR PLASTIC PIPE INTO THE FILL SLOPE TO SECURE PROPER ANCHORAGE.

SECTION A-A



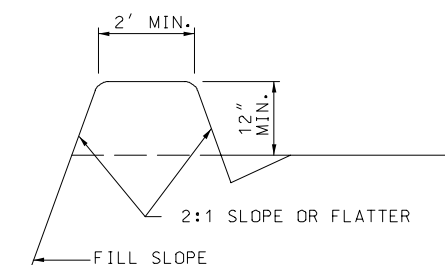
PLAN VIEW
TEMPORARY SLOPE DRAIN
(METAL, FLEXIBLE RUBBER OR PLASTIC PIPE)

NOTE:
MAXIMUM LENGTH BETWEEN SLOPE DRAINS SHALL BE APPROXIMATELY 500 FEET.

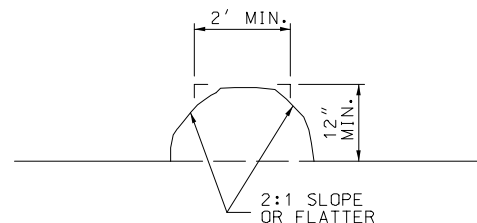


END VIEW

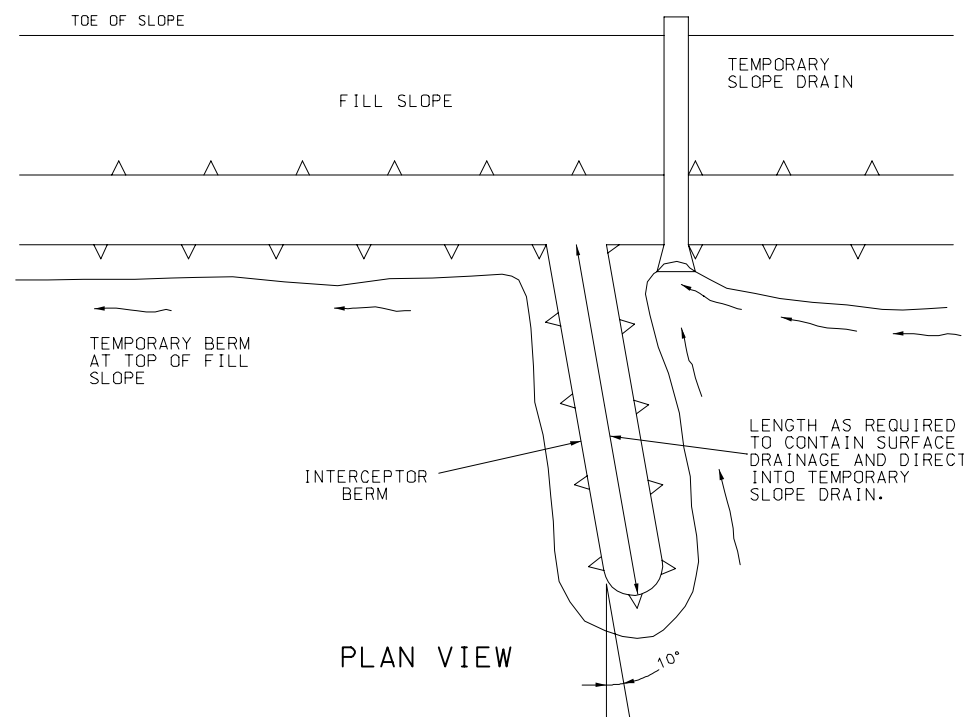
TYPE 'A' TEMPORARY BERM



END VIEW
FILL BERM

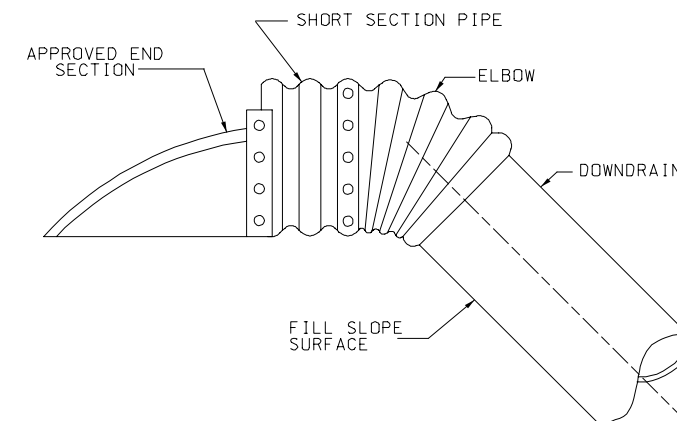


END VIEW
TRANSVERSE BERM

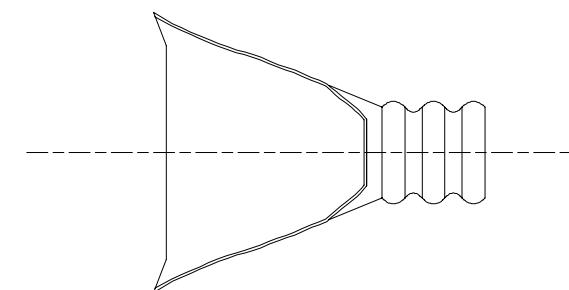


PLAN VIEW

TYPE 'B' TEMPORARY BERM



INLET TREATMENT



PLAN VIEW END SECTION

TEMPORARY SLOPE DRAIN

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

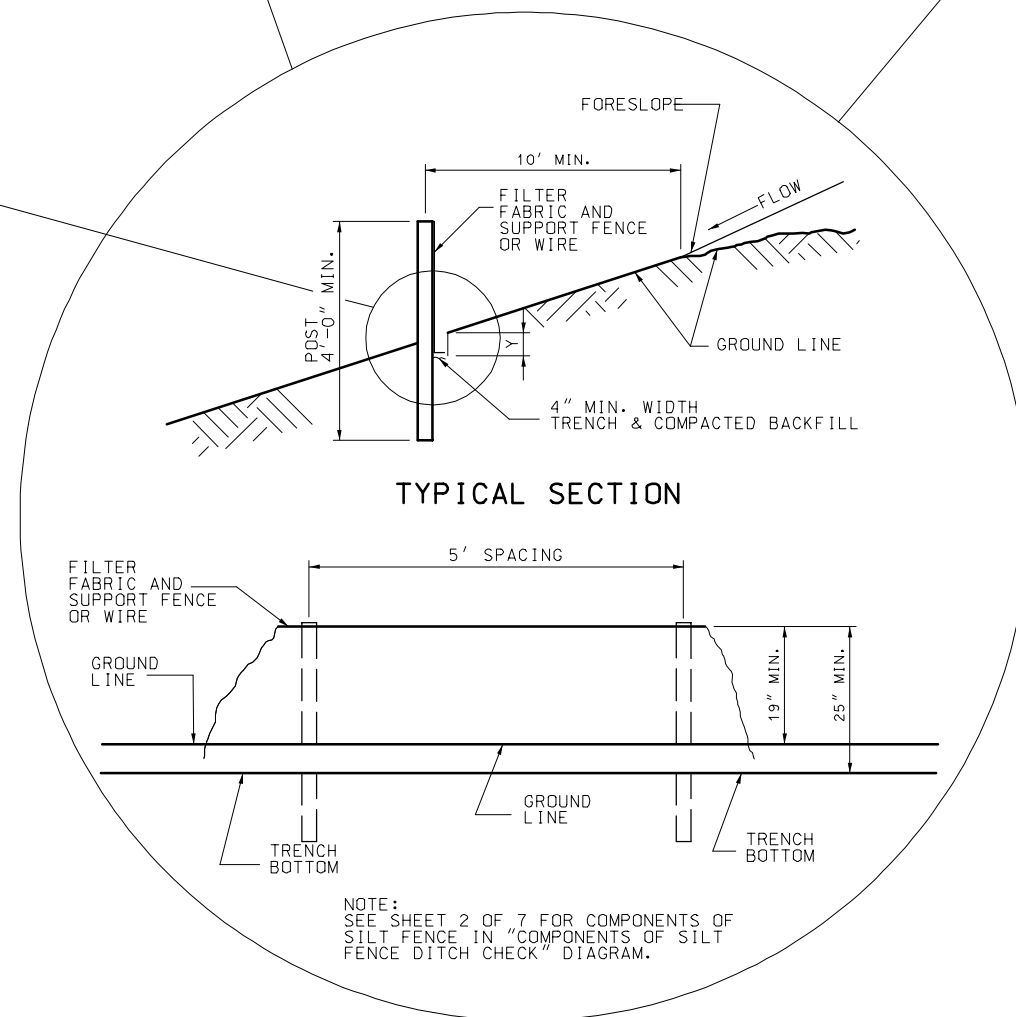
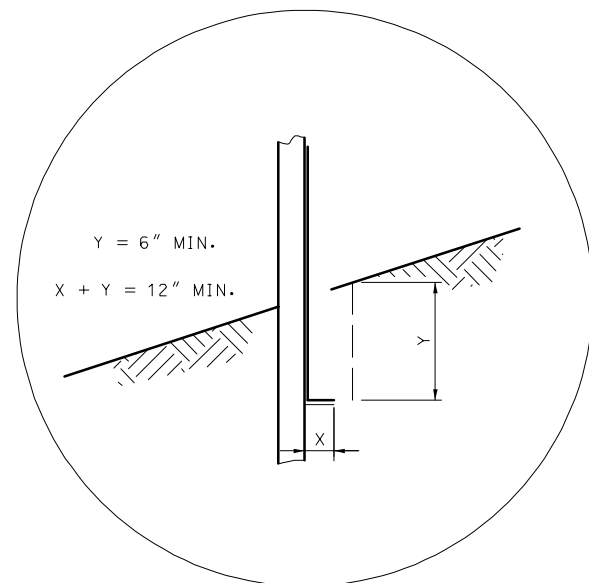
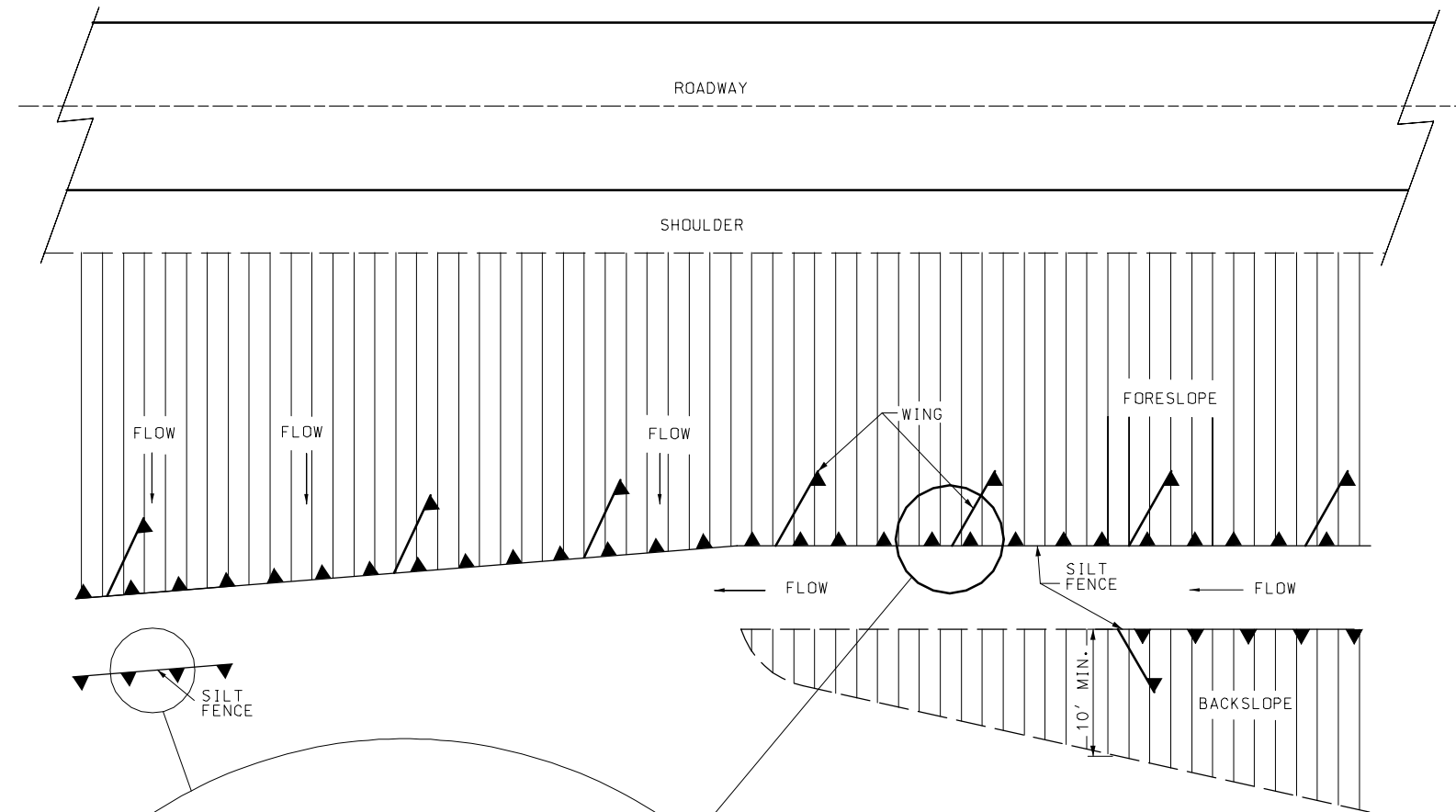
**TEMPORARY EROSION
CONTROL MEASURES**
TEMPORARY BERMS AND
SLOPE DRAINS

DATE: _____

EFFECTIVE: 07-01-2004

806.10E

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DETAILS OF SILT FENCE

GENERAL NOTES:

USE SILT FENCE FOR FILL HEIGHTS GREATER OR EQUAL TO 10 FEET. ON ALL FILLS GREATER THAN 10 FEET HIGH, MID-SLOPE RUNS OF SILT FENCE SHOULD BE CONSIDERED.

MINIMUM LONGITUDINAL SPLICE OVERLAP SHALL BE 2' WITH A POST AT EACH END.

SECURE FABRIC TO POSTS.

INSTEAD OF SILT FENCE ACROSS DRAINAGE DITCHES AND DRAINS, DITCH CHECK SHALL BE USED AS SHOWN ON PLANS OR AS DIRECTED BY ENGINEER.

SILT FENCE WING SPACING APPROXIMATELY TWICE DITCH CHECK SPACING.

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

**TEMPORARY EROSION
CONTROL MEASURES**
SILT FENCE

DATE: _____

EFFECTIVE: 07-01-2004

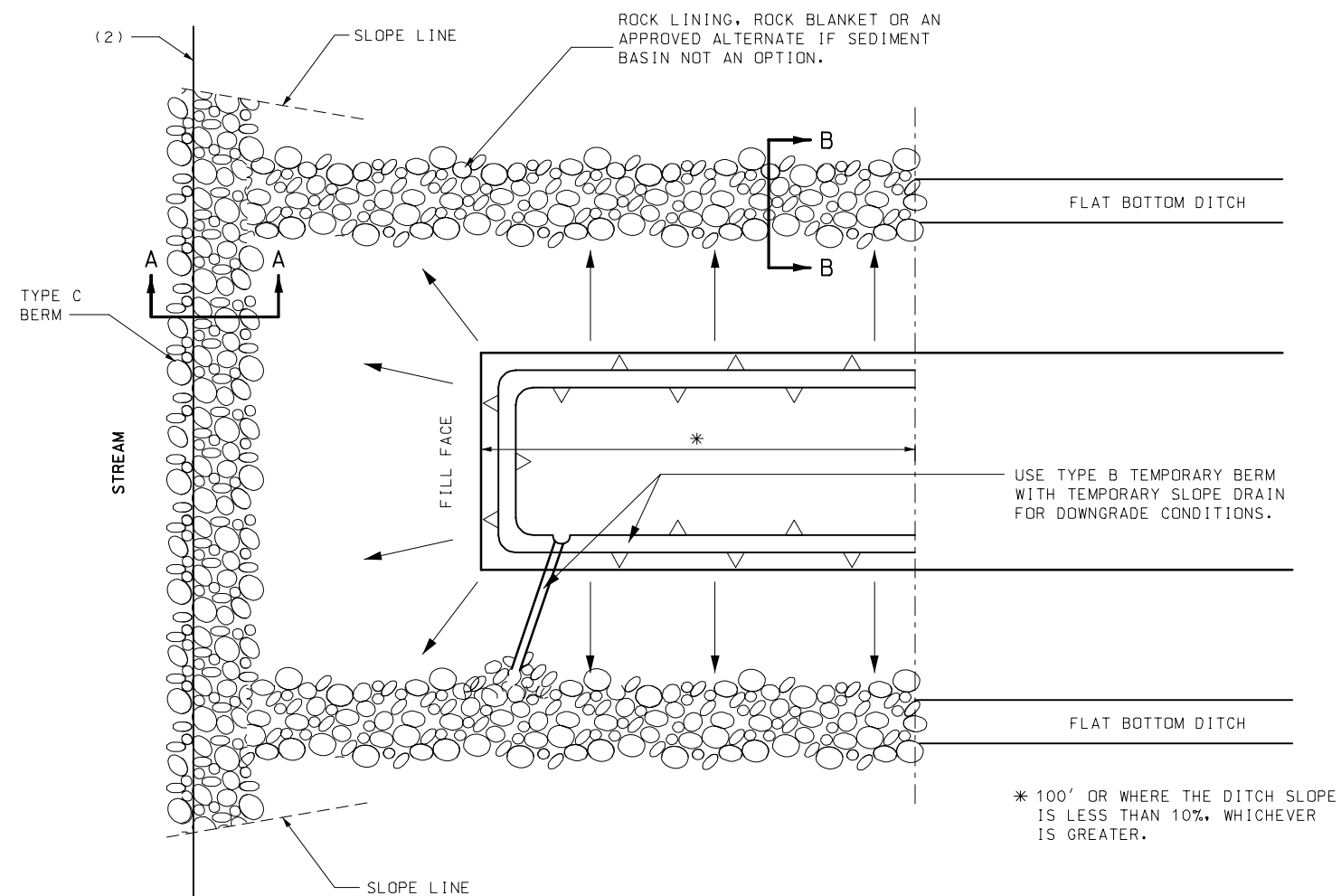
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- (1) STRAW LAYER SHALL BE A THICKNESS OF 2" COMPACTED.
- (2) TYPE C BERM SHALL BE PLACED NO LOWER THAN THE ORDINARY HIGH WATER (O.H.W.) OR AT AN ELEVATION AS DIRECTED BY THE ENGINEER.
- (3) TYPE C BERM SHALL BE BUILT TO HANDLE SIGNIFICANT RUN-OFF EVENTS.



PLAN VIEW



SECTION B-B (4)

- (4) ROCK LINING DITCHES SHALL BE BUILT TO HANDLE SIGNIFICANT RUN-OFF EVENTS.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
	TEMPORARY EROSION CONTROL MEASURES BRIDGES AND BOX CULVERTS AT STREAM CROSSINGS		
DATE: _____	EFFECTIVE: 07-01-2004	806.10E	7 / 7